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Shri B. L. Boolani, President, VES  
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Shri Vijay Talreja, Co-Founder, Adapty  
Dr. (Mrs.) J. M. Nair, Principal, V.E.S.I.T.  
Dr. (Mrs.) M. Vijayalakshmi, Vice Principal, V.E.S.I.T.

### Project Monitoring Committee:

Dr. (Mrs.) J. M. Nair, Principal, V.E.S.I.T. (**Chairperson**)  
Dr. (Mrs.) M. Vijayalakshmi, Vice Principal, V.E.S.I.T.  
Dr. (Mrs.) Nupur Giri, Head of Computer Department  
(**Subject Expert**)  
Dr. (Mrs.) Shalu Chopra, Head of IT Department  
Dr. Shivkumar Goel, Head of MCA Department

### Organizing Committee :

Mrs. Smita Jangle, Dy. HoD, IT  
Dr. (Mrs.) Gresha Bhatia, Dy. HoD, COMP  
Dr. (Mrs.) Dhanamma Jagli, Dy. HoD, MCA  
Mrs. Asha Bharambhe, Associate Professor, IT  
Dr. (Mrs.) Sujata Khedkar, Associate Professor, COMP  
Mrs. Mona Deshmukh, Associate Professor, MCA  
Mrs. Dimple Bohra, Assistant Professor, IT  
Mrs. Mannat Doultani, Assistant Professor, COMP  
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### Course Coordinators:

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**For further enquiries, please contact Co-Coordinators**

### About the Program :

Blockchain is now the fastest-growing skill set demanded on job sites and salaries for blockchain developers 50-100% higher than regular developer jobs. The decentralized nature of projects with distributed teams can translate into lakhs of high-paying jobs from all over the world being available to Indian developers. With its strong IT ecosystem, India can become a leading blockchain development hub and a major net beneficiary of global capital inflows. Decentralized applications on public blockchains can solve myriad Indian problems, such as eliminating middlemen, providing data security, reducing corruption and tampering of financial ledgers, and improving the speed of service delivery by governments and corporations.



### Program Relevance:

Different emerging technologies, such as blockchain, artificial intelligence, and the Internet of Things will not work in silos but will converge. That is the space where the next Googles and Amazons of the world will get created. Blockchain is a foundational data/transaction layer and missing out on it will hurt India's overall tech competitiveness.

### Program Highlights :

- No Registration Fee
- E-Certificate will be provided
- Project Oriented Learning Approach
- This is Phase 1 of a Multiphase comprehensive series on Blockchain.
- The course is conducted fully Online.
- This is a Comprehensive series of workshops on Blockchain that will start from Fundamentals to developing real life Applications using Blockchain.



Vivekanand Education Society's  
Institute of Technology



**ACITE Sponsored**

Online

Short Term Training Program (STTP) Series

on

**Blockchain & Its Applications**

(Multiphase)

**Phase - 1 : Introduction to Blockchain Technology**  
(29th March - 3rd April 2021)

**Phase- 2 : Blockchain Platforms & Applications**  
(26th April - 1st May 2021)

Organized by :

**Department of Information Technology**

In Association with

**Department of Computer Engineering**

**Department of Master of Computer Applications**

Under the Guidance of

**VESIT Internal Quality Assurance Cell (IQAC)**

**VESIT Institution's Innovation Council (IIC)**



**VES Institute of Technology**

Chembur, Mumbai – 400 074

Website : <https://vesit.ves.ac.in/>

## About VESIT

**Vivekanand Education Society's Institute of Technology (VESIT)** established in 1984, is one of the premier engineering colleges affiliated with the University of Mumbai. VESIT offers Bachelors programs in engineering under the following streams: Electronics, Electronics & Telecommunication, Computer, Instrumentation, Information Technology and AI & Data Science. In addition VESIT offers Master of Engineering in Electronics & Telecommunication Engineering, Instrumentation and Control, and Information Technology streams and Master of Computer Application. VESIT is a recognised Ph.D. Center for Engineering and Technology of the University of Mumbai, and also a Lifelong Learning Center.

## Vision:

To create a vibrant knowledge-oriented environment with innovative teaching practices and to inculcate tradition of socially conscious application of technology.

## Mission:

- To inculcate culture of value based education.
- To enthuse students to develop in an ambient environment of caring and of sharing information.
- To enable students to work towards excellence in their chosen fields with a professional bent of mind.

## About Departments

**Departments of Information Technology, Computer Engineering and MCA** are committed towards imparting quality education and moulding future technocrats. Departments strive for enhancing critical thinking, the ability to change information into knowledge, and to increase the power of information analysis. The motivation is not just to nurture their Technical Skills but to provide Professional grooming and Guidance towards Holistic Development. To meet the objectives, the Departments pays special emphasis on Teaching, Hands-on Practical Work and Projects Based Learning Approach.

## Resource Persons:

The speakers are eminent personalities from Academia & Industry.

## Course Contents - Phase 1

- Cryptographic primitives used in Blockchain
- Blockchain architecture design
- Bitcoin Mining and Consensus Protocols
- Creating Private Blockchain Network Using Go Ethereum
- Smart Contracts
- Solidity Programming
- Advanced solidity Concepts
- Blockchain use cases
- Complete Blockchain Developer Tool Kit
- Decentralized Applications (DAPPS)
- Online Exam

## Course Outcomes :

At the end of the course participants will be able to:

- Identify potential impact areas for Blockchain
- Implement Blockchain projects in critical areas such as healthcare, online transactions, etc..
- Pursue research and add to the Blockchain corpus in India
- Further skill future generations of Blockchain Experts

## Benefits to Participants :

The objective of this STTP is acquainting academicians with the Blockchain with its recent trends such as :

- Introduction to Blockchain and its enabling technologies.
- Discuss impact areas where Blockchain can support decision making for societal benefits.
- Insights into solving real life problems by Blockchain Experts from Industry.
- To enable the faculty to add another dimension to their teaching and making them industry ready.

## Who can attend?

- Faculty of Engineering from Degree, Diploma & MCA Colleges.
- Research Scholars & Post Graduate
- Industry Representative

## Registration Link :

- Register @ <https://forms.gle/drNQsfn94cqoeGxn8>

OR

- Scan the below QR Code and submit the Form on or before **22nd March 2021**.



- **Timings : 2pm to 6:00pm(Online)**
- **Seats are allocated on a First Come First Serve basis.**
- **Limited Seats are available.**
- Selected participants will be mailed the link to join the sessions via registered email latest by **24th March 2021**.

## Eligibility for Certification:

- Attendance will be taken during every session.
- Participants should attend the Online Test on the last day of STTP.
- E-Certificate will be provided to all participants with 80% of attendance and having a score greater than or equal to 60% in the Online Test.

## Last Dates for Registration:

- **Phase - 1 : 22nd March 2021**
- **Phase - 2 : 19th April 2021**

**Note : NO REGISTRATION FEE**